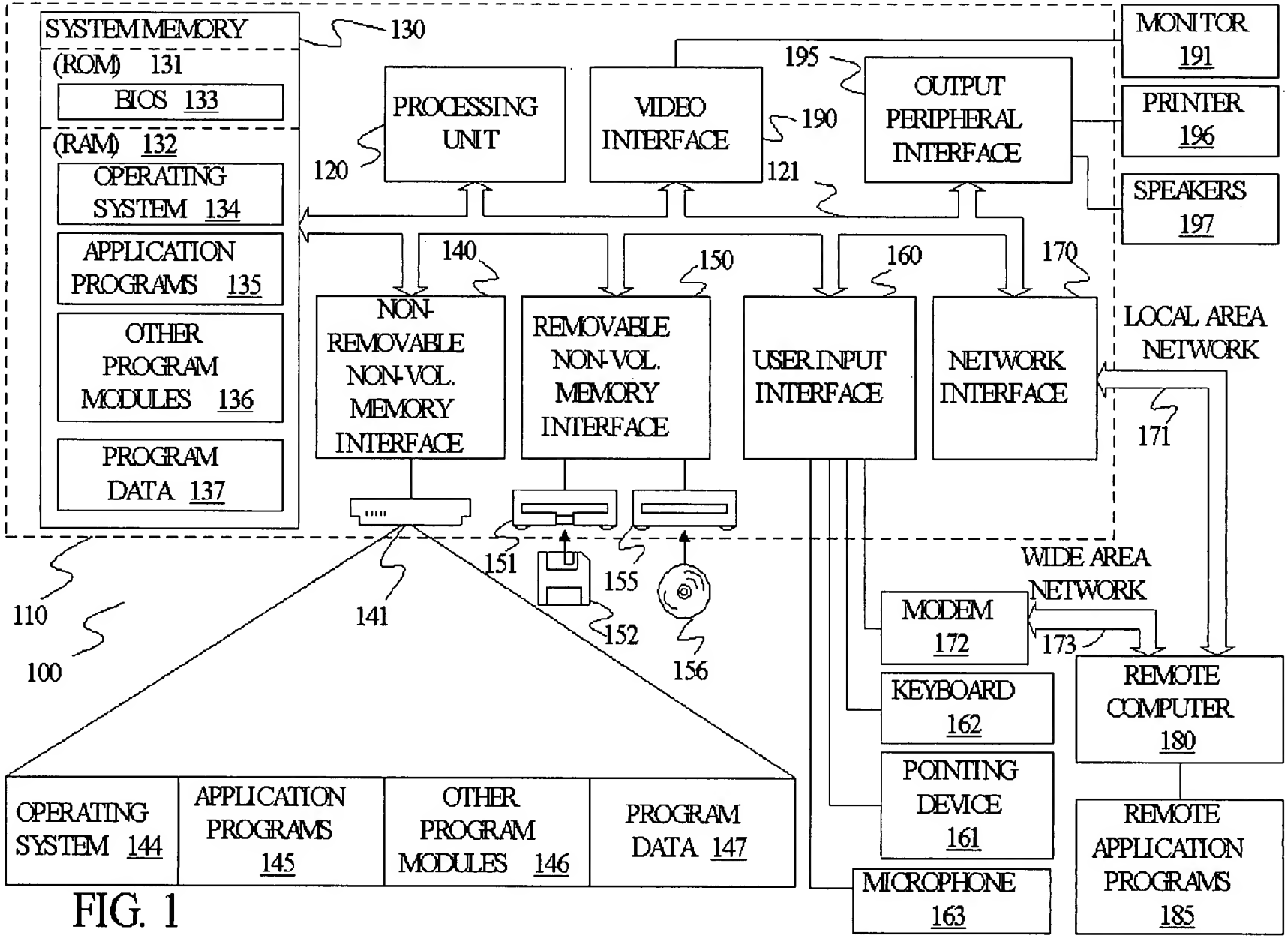
SYSTEM MEMORY
130
(ROM) 131
BIOS 133
(RAM) 132
OPERATING SYSTEM 134
APPLICATION PROGRAMS 135
OTHER PROGRAM MODULES 136
PROGRAM DATA 137
PROCESSING UNIT
120
VIDEO INTERFACE
190
195
OUTPUT PERIPHERAL INTERFACE
121
MONITOR 191
PRINTER 196
SPEAKERS 197
140
150
160
170
NON-REMOVABLE NON-VOL. MEMORY INTERFACE
REMOVABLE NON-VOL. MEMORY INTERFACE
USER INPUT INTERFACE
NETWORK INTERFACE
LOCAL AREA NETWORK
171
110
100
141
151
155
152
156
WIDE AREA NETWORK
MODEM 172
173
KEYBOARD 162
POINTING DEVICE 161
MICROPHONE 163
REMOTE COMPUTER 180
REMOTE APPLICATION PROGRAMS 185
OPERATING SYSTEM 144
APPLICATION PROGRAMS 145
OTHER PROGRAM MODULES 146
PROGRAM DATA 147

FIG. 1

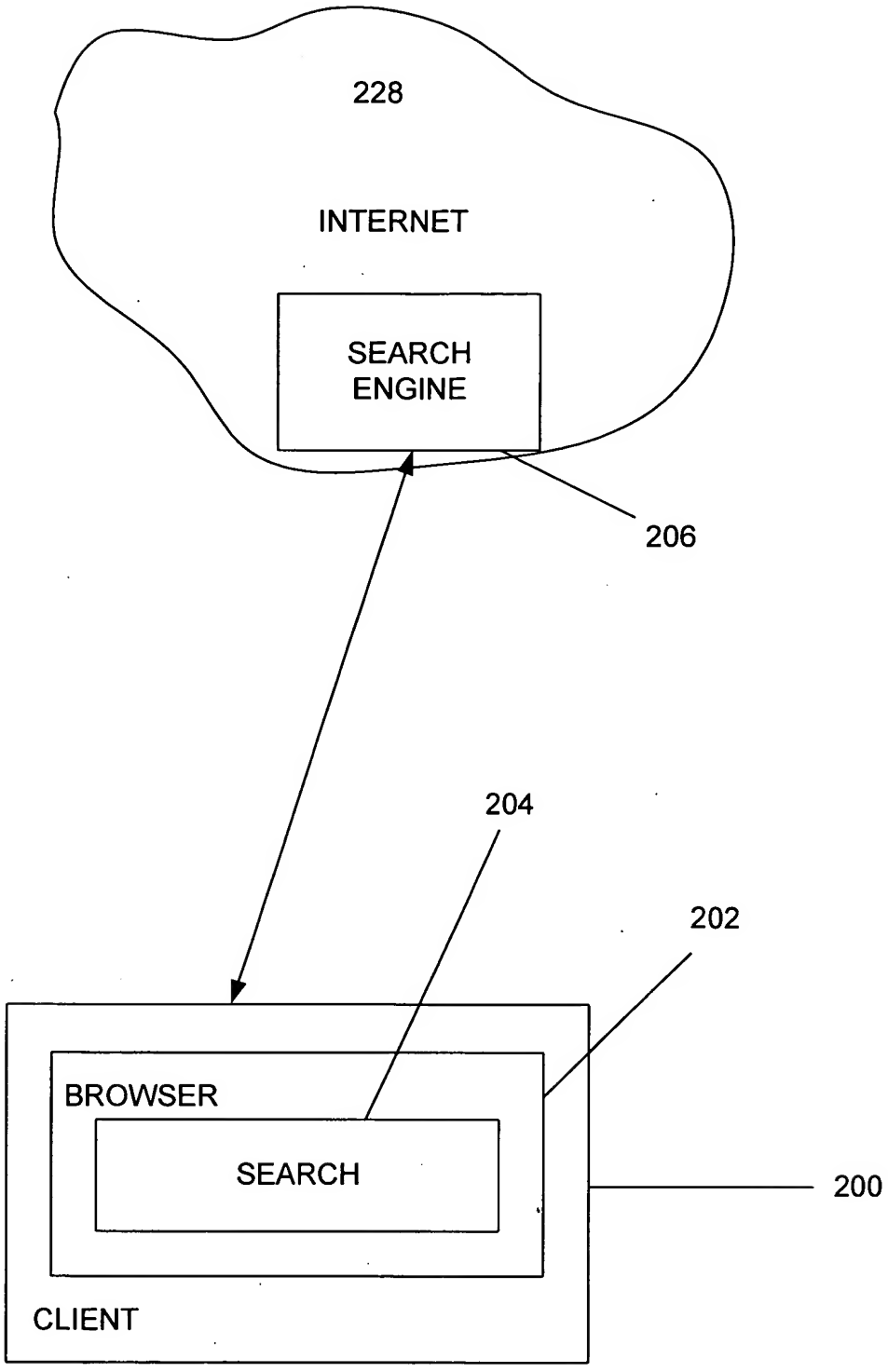
228
INTERNET
SEARCH ENGINE
206
204
202
BROWSER
SEARCH
200
CLIENT

FIG. 2

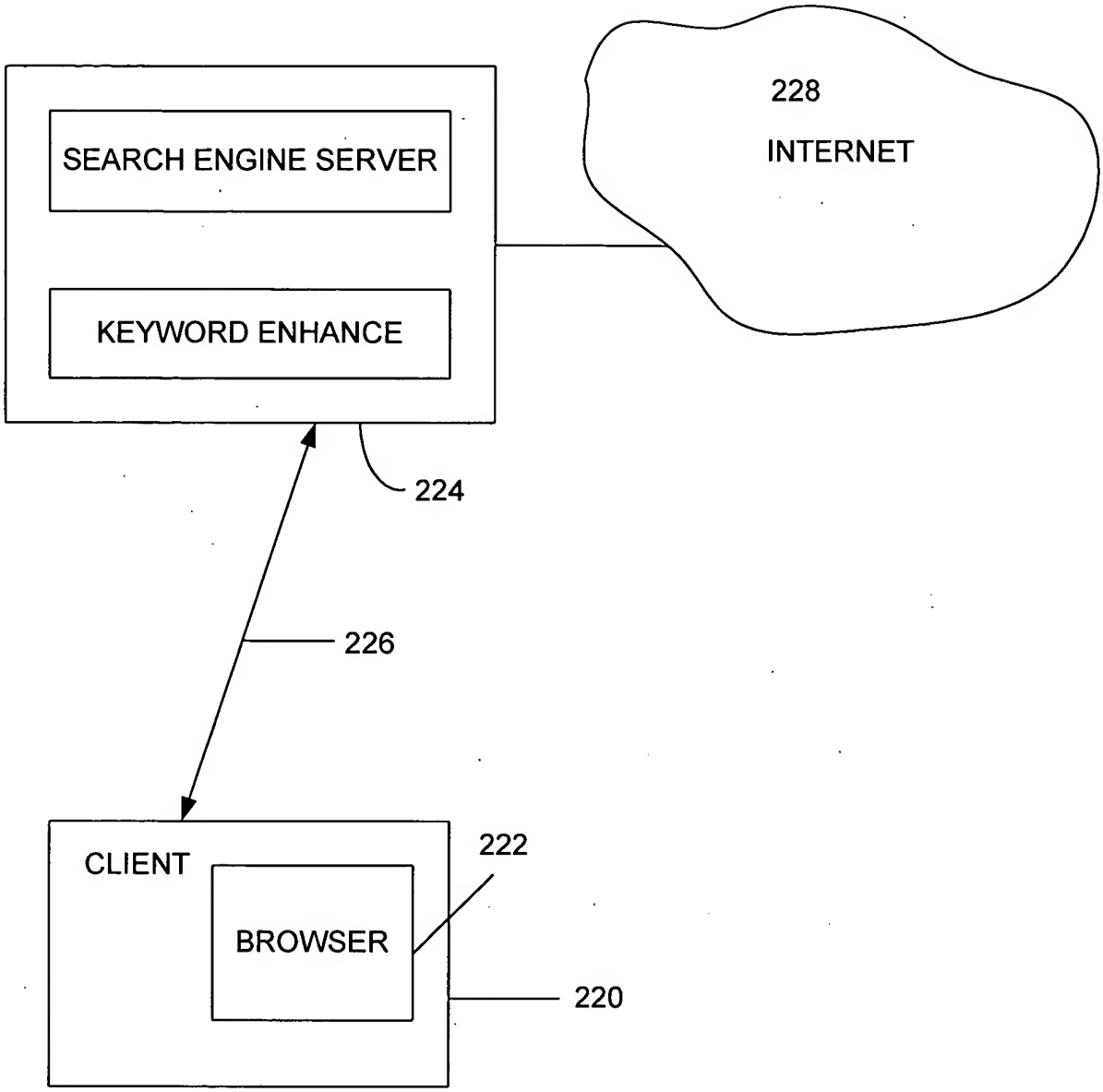
SEARCH ENGINE SERVER
KEYWORD ENHANCE
228
INTERNET
224
226
CLIENT
222
BROWSER
220

FIG. 3

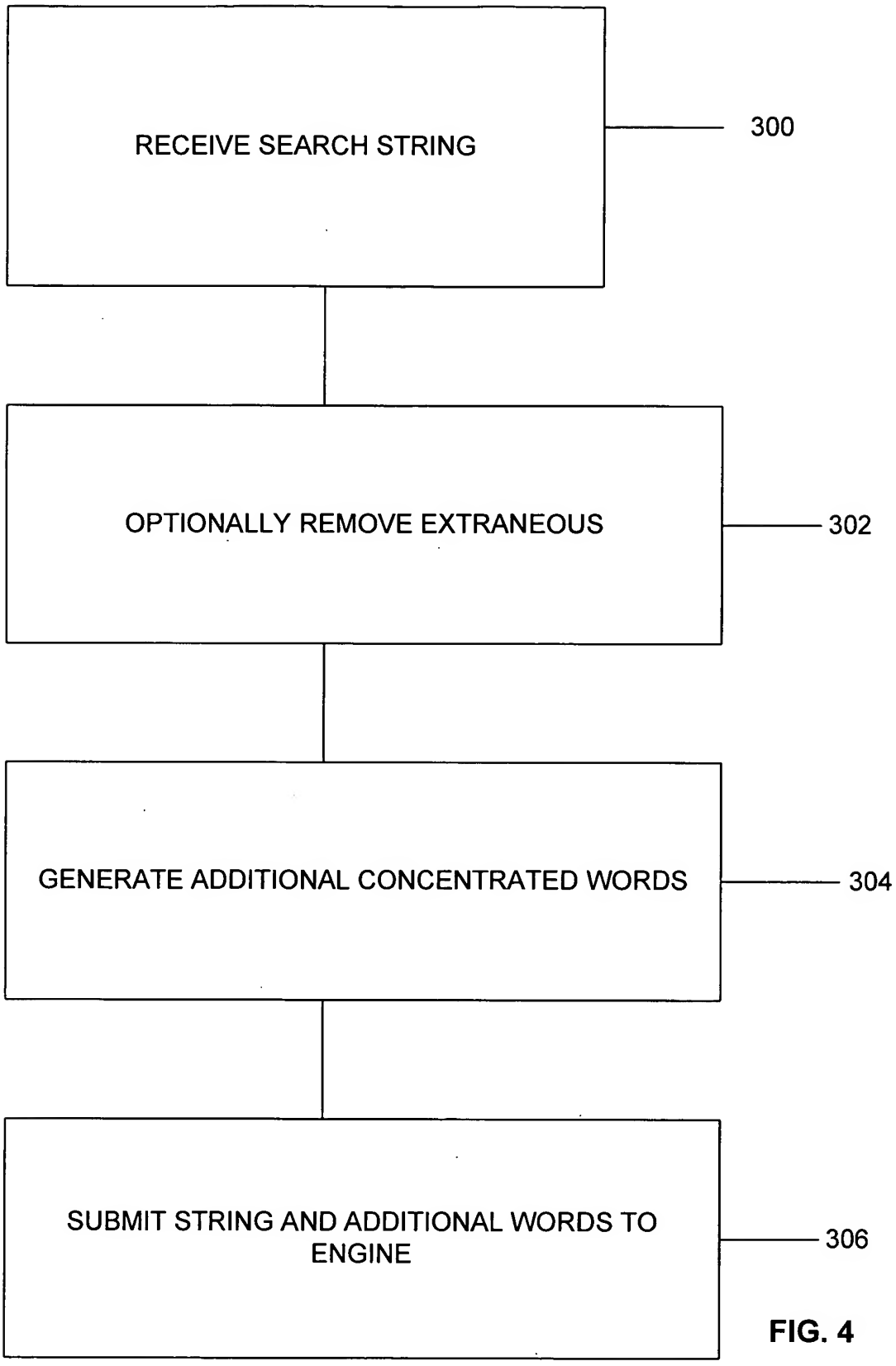
RECEIVE SEARCH STRING
300
OPTIONALLY REMOVE EXTRANEOUS
302
GENERATE ADDITIONAL CONCENTRATED WORDS
304
SUBMIT STRING AND ADDITIONAL WORDS TO ENGINE
306

FIG. 4

N = 4

OFFICE	2003	PROFESSIONAL	UPGRADE	340
1	2	3	4	342

1-2-3-4	OFFICE2003PROFESSIONALUPGRADE
1-2	OFFICE2003
2-3	2003PROFESSIONAL
3-4	PROFESSIONALUPGRADE
123	OFFICE2003PROFESSIONAL
234	2003PROFESSIONALUPGRADE

N=4 GENERATES 6 WORDS

N GENERATES (N-1)(N/2) KEYWORDS

FIG. 5